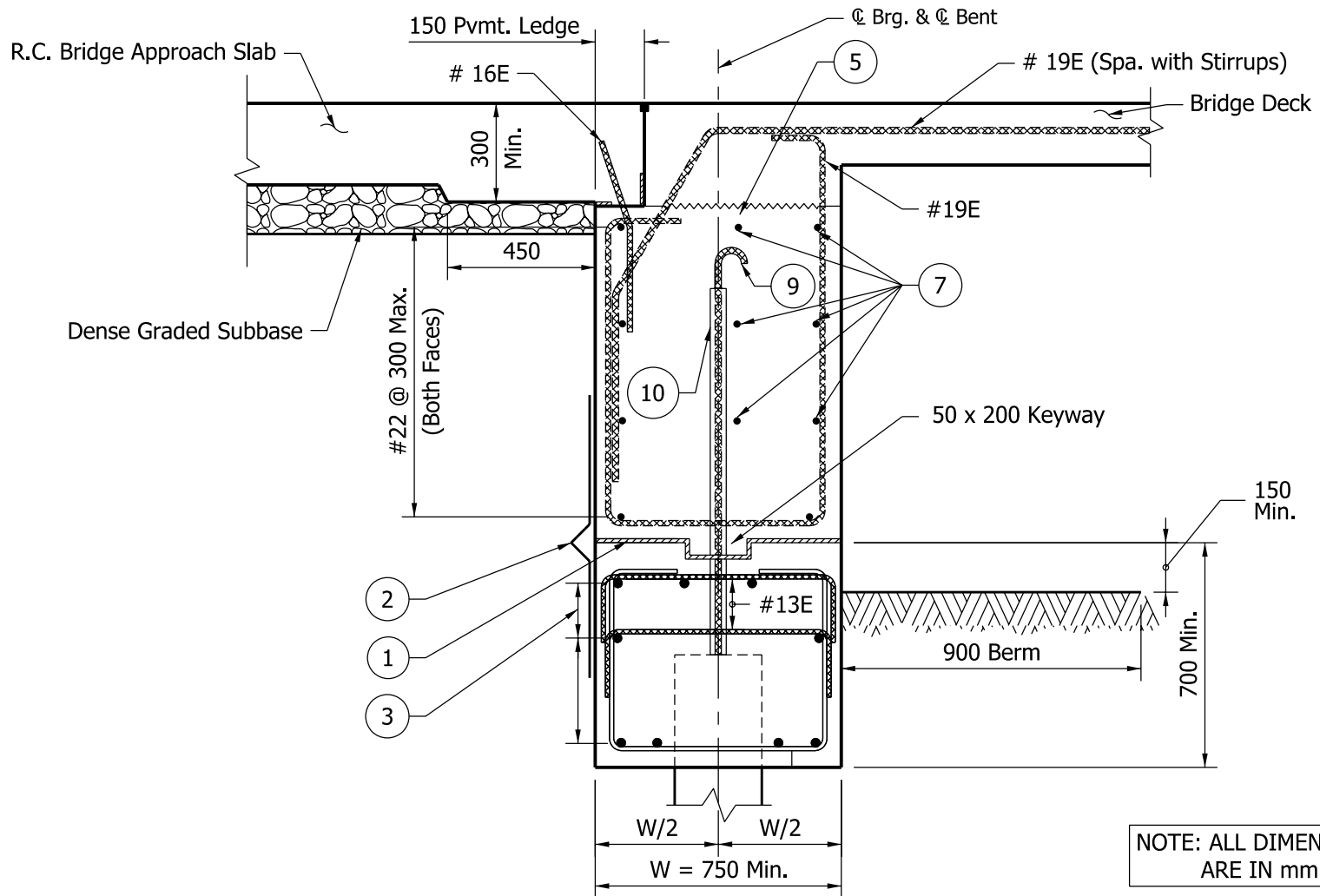


SECTION AT BEAM

SUGGESTED SEMI-INTEGRAL END BENT DETAILS (Method 2)




Figure 67-1 C (2)
(Page 1 of 3)



SECTION BETWEEN BEAMS

SUGGESTED SEMI-INTEGRAL END BENT DETAILS (Method 2)

Figure 67-1 C (2)
(Page 2 of 3)

- ① 13 expanded polystyrene (horizontal face),
25 expanded polystyrene (vertical face)
- ② Polychloroprene joint membrane attached to concrete, see Figure 67-1C(3).
- ③ Main cap reinf. Reinforce for dead and live loads.
Stirrups size determined by designer, spa. @ 300 min.
- ④ Elastomeric bearing pad.
- ⑤ Optional construction joint type A.
- ⑥ Expanded polystyrene cut to clear bearing pad by 13.
- ⑦ #19E x 1800 through 25 Ø holes cast in beams, lapped with #22E between beams.
- ⑧ Prestressed strand extension.
- ⑨  #19 reinforcing bar set in 300 depth field-drilled hole filled with epoxy grout, min. pullout 118 kN.
- ⑩  PVC sleeve, size determined by designer.
Top of sleeve to be sealed before concrete is poured.
-  Used only if uplift is expected, or if bridge is in Seismic Zone 2.
Note: All Dimensions in Millimeters.

SUGGESTED SEMI-INTEGRAL END BENT DETAILS (Method 2)

Figure 67-1 C (2)
(Page 3 of 3)